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(54) Title: A POLYURETHANE RESIN FOR WHITE INKS

(57) Abstract: The present invention is related to a Polyurethane resin obtainable by a) reacting an excess of one or more aliphatic diisocyanates with a group of isocyanate-reactive components consisting of one or more polyether polyols each having an average molecular weight in the range of not more than 1500 g/mol, and at least one diamine so as to obtain a prepolymer; and b) adding a mixture of isophorone diamine and a second diamine selected from the group consisting of ethylenediamine, 1,2-diaminocyclohexane and 2,2,4- or 2,4,4-trimethyldiaminohexane (TMDA) in excess to the free NCO groups of the prepolymer obtained in step a).

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